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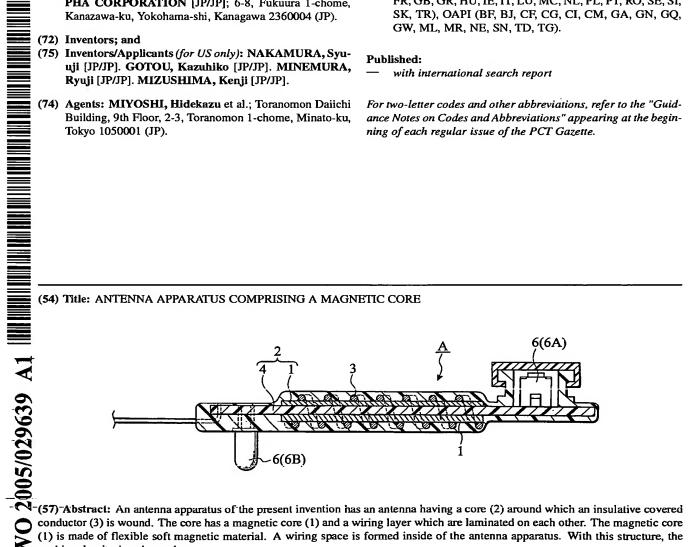
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conductor (3) is wound. The core has a magnetic core (1) and a wiring layer which are laminated on each other. The magnetic core (1) is made of flexible soft magnetic material. A wiring space is formed inside of the antenna apparatus. With this structure, the packing density is enhanced.